

COATING OPERATION POLLUTANT EMISSION
MEASUREMENT AND RECORDING SYSTEM AND
METHOD

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ABSTRACT

Systems and methods are provided for measuring volatile organic compound (VOC) and hazardous air pollutant (HAP) emissions from coating operations. The system may also be used to assist the user for demonstration of compliance with Environmental Protection
10 Agency (EPA) and State regulations. In one embodiment, the system comprises programmable processor(s) preferably electronically connected to digital scale(s), interface, and a product flow controller. Software is utilized to document changes in product weights as the coatings are applied to a selected object which may typically be positioned in a ventilated spray booth. The emissions may preferably be calculated based on material
15 balance of the amount of the product used, product density, and pollutant content within the specified product as per EPA requirements or by other means preferably approved by the EPA or any selected specific State.